

PFA TUBING

Key Features: ASTM 3307; Chemically Inert to Most Industrial Fluids and Gasses; UL 94 V-0; FDA Compliant; Resistant to Stress Cracking ; High temperature operating range -195 to 260°C

Industrial Wall (1/32)

Heavy Wall (1/16)

| OD In | ID In | Part Number | Bend Rad In. | Burst Pres* psi | OD In | ID In | Part Number | Bend Rad In. | Burst Pres* psi |
|-------|-------|-------------|--------------|-----------------|-------|-------|-------------|--------------|-----------------|
| 3/32 | 1/32 | PF42N3000 | 1/2 | 3440 | 3/16 | 1/16 | PF44N6200 | 1/2 | 3440 |
| 1/8 | 1/16 | PF44N3000 | 3/4 | 2580 | 1/4 | 1/8 | PF47N6200 | 1/2 | 2580 |
| 5/32 | 3/32 | PF46N3000 | 1/2 | 2030 | 5/16 | 3/16 | PF49N6200 | 3/4 | 2050 |
| 3/16 | 1/8 | PF47N3000 | 1/2 | 1660 | 3/8 | 1/4 | PF51N6200 | 3/4 | 1660 |
| 1/4 | 3/16 | PF49N3000 | 3/4 | 1210 | 7/16 | 5/16 | PF53N6200 | 1 | 1400 |
| 5/16 | 1/4 | PF51N3000 | 1 | 950 | 1/2 | 3/8 | PF55N6200 | 2 1/2 | 1210 |
| 3/8 | 5/16 | PF53N3000 | 2 | 780 | 9/16 | 7/16 | PF57N6200 | 2 1/2 | 1060 |
| 7/16 | 3/8 | PF55N3000 | 2 | 660 | 5/8 | 1/2 | PF59N6200 | 3 | 950 |
| 1/2 | 7/16 | PF47N3000 | 2 1/2 | 580 | | | | | |

Custom Wall

Metric Sizes (1mm Wall)

| OD In. | ID In | Part Number | Bend Rad In | Burst Pres* Psi | OD mm | ID mm | Part Number | Bend Rad In | Burst Pres* psi |
|--------|-------|-------------|-------------|-----------------|-------|-------|-------------|-------------|-----------------|
| 1/16 | 1/32 | PF42N1500 | 1/4 | 2580 | 4 | 2 | PF13N3900 | 1/2 | 2580 |
| 1/4 | 5/32 | PF48N4700 | 3/4 | 1885 | 6 | 4 | PF48N3900 | 3/4 | 1660 |
| 1/4 | .170 | PF06N4000 | 3/4 | 1585 | 8 | 6 | PF03N3900 | 1 | 1210 |
| | | | | | 10 | 8 | PF53N3900 | 2 | 960 |
| | | | | | 12 | 10 | PF55N3900 | 2 1/2 | 780 |

*Burst Pressure is a Theoretical Calculation at Room Temp.

| PHYSICAL PROPERTIES | ASTM TEST | VALUE |
|---------------------|-----------|------------|
| Tensile Strength | D638 | 4,000 psi |
| Elongation | D638 | 400% |
| Flexural Modulus | D790 | 90,000 psi |
| MIT Flex Life | D2176 | 100,000 |
| Hardness | D2240 | 60 Shore D |

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